



#12/Amend A
A-For
10/28/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Joseph S. HAYDEN et al.

Examiner: Cornelius H. Jackson

Serial No.: 09/492,178

Group Art Unit: 2828

Filed: January 27, 2000

Title: OPTICAL WAVEGUIDES ON GLASS
SUBSTRATES AND LASERS FORMED THEREFROM

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REPLY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed July 18, 2002, kindly amend the above-identified application as follows.

IN THE SPECIFICATION

Please insert the following new paragraph before "Field of the Invention"
beginning on page 1, line 7:

A1 -- Statement as to Priority

Benefit under 35 U.S.C. §119 is claimed for U.S. provisional application Serial Nos.
60/117,477, filed January 27, 1999, and 60/162,458, filed October 29, 1999. --

Replace the paragraph beginning at page 5, line 6, with the following:

A2 Spectroscopic evaluations of the NIST-1 glass were performed to determine the cross
relaxation coefficient of the Yb-Er energy transfer mechanism. The cross relaxation
efficiency, η , of ytterbium to erbium ion in the glass was estimated by the inventors to be